

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE SPECIFICATION:

Paragraph beginning at line 11 of page 3 has been amended as follows:

Fig. 1A to Fig. 1D shows evaluation results for sensitivity to morphine and (-)-U-50488.

Paragraph beginning at line 13 of page 17 has been amended as follows:

The results of the tail-flick and hot-plate tests performed for morphine (Mor) induced analgesic effect are shown in Figs. 1, A and B ~~Fig. 1A and Fig. 1B~~, and the results of the open-field test performed for morphine-induced hyperactivity are shown in Fig. 1-C. Further, the result of the investigation for whether the CXBK μ -OR gene induces reduction of analgesic effects of (-)-U-50488 (U-50), which is a selective κ -agonist, in CXBK mice are shown in Fig. 1-D. The values mentioned in Fig. 1A to Fig. 1D are represented as average \pm SEM. Each group consisted of 10 animals for Fig. 1A to Fig. 1C, and each group consisted of 6 animals for Fig. 1D.

IN THE CLAIMS:

Claims 7-10 have been added.